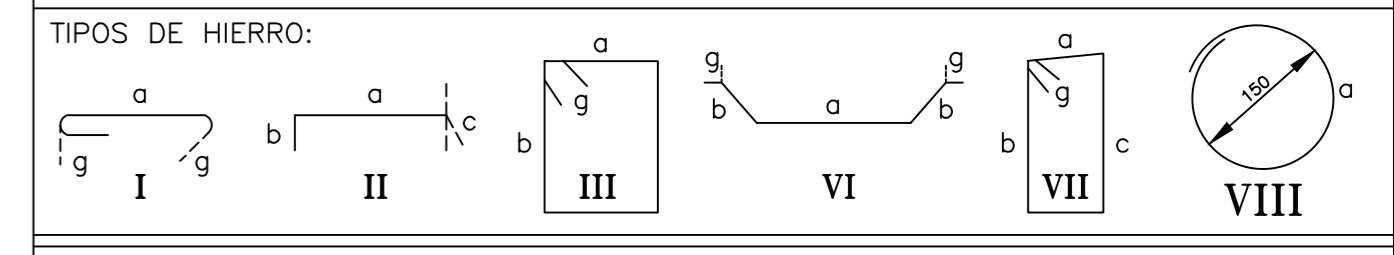


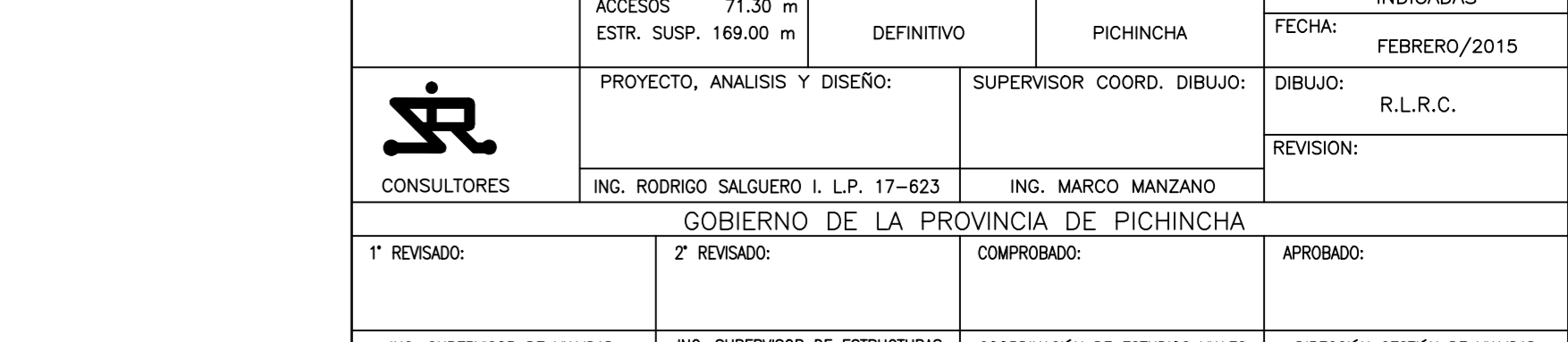
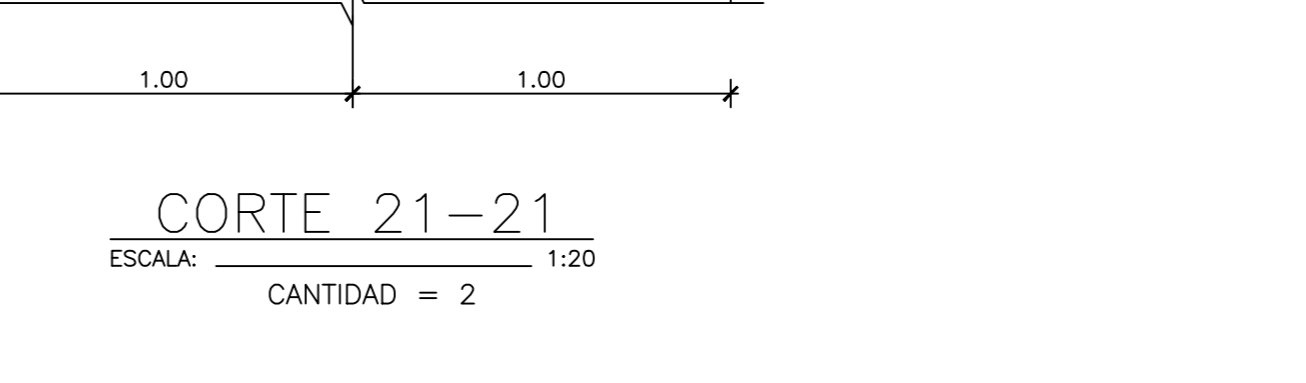
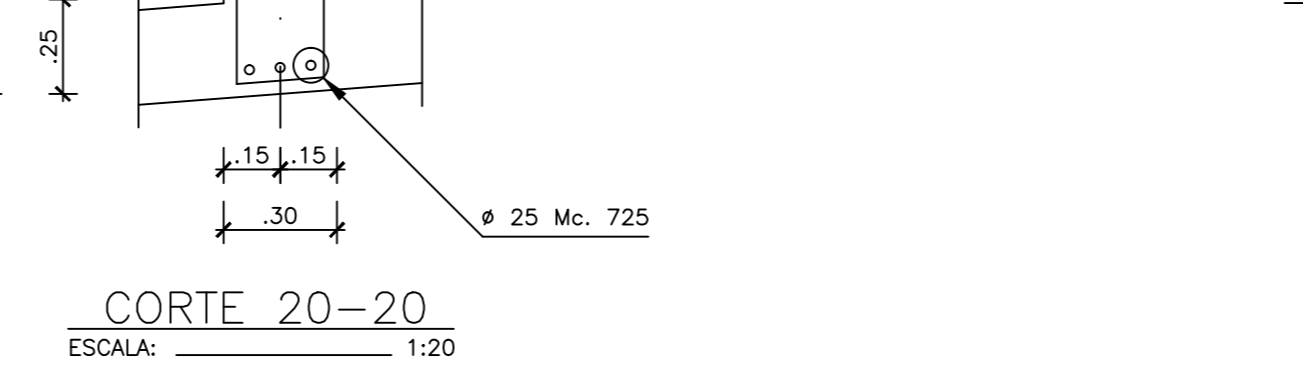
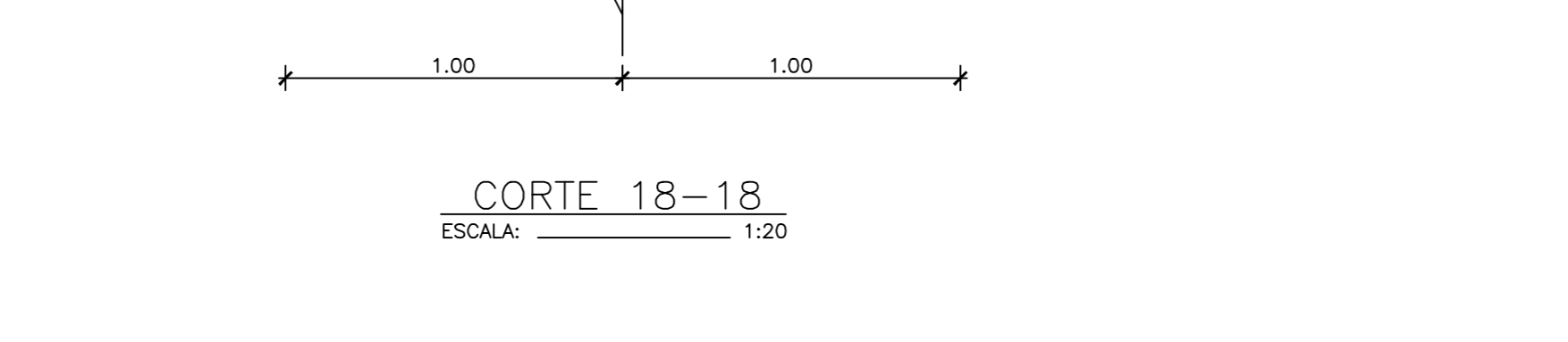
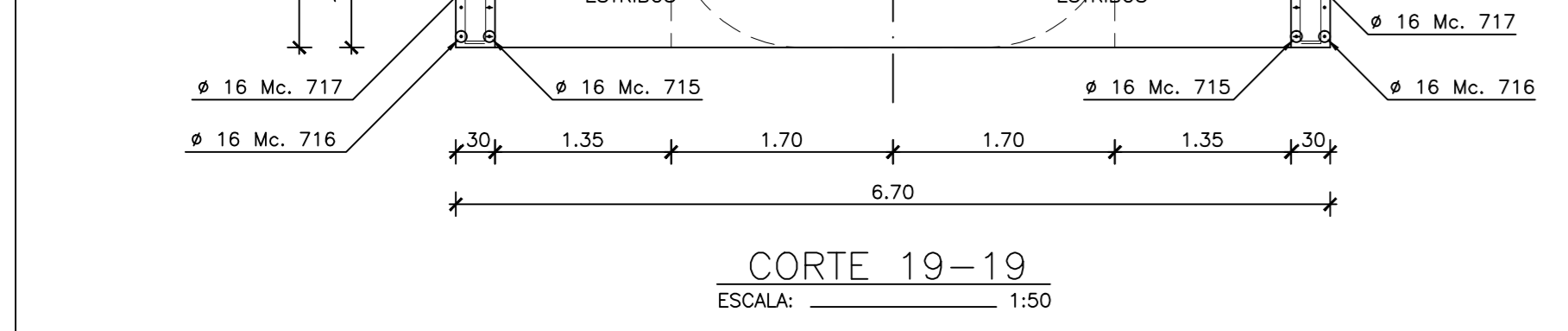
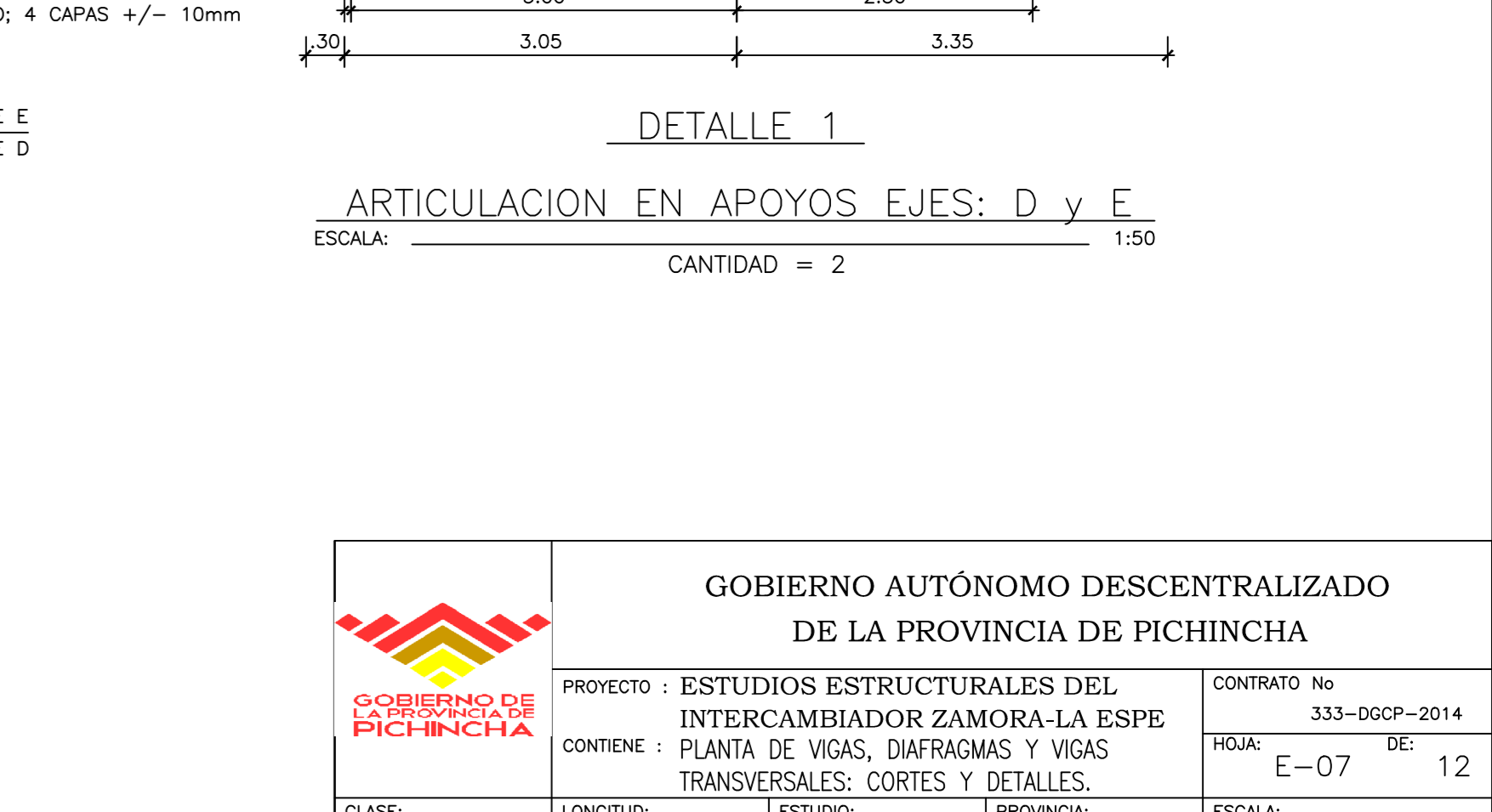
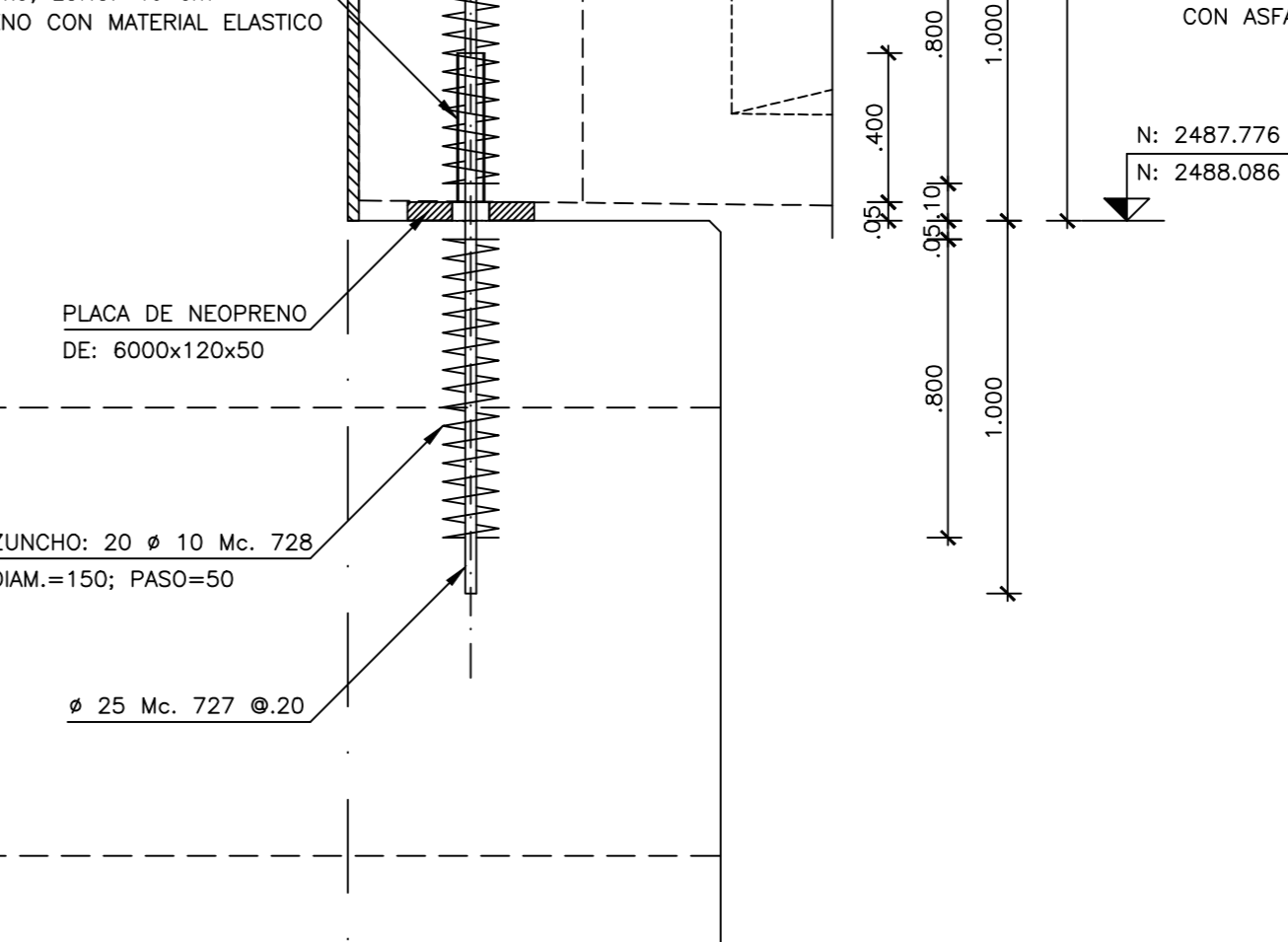
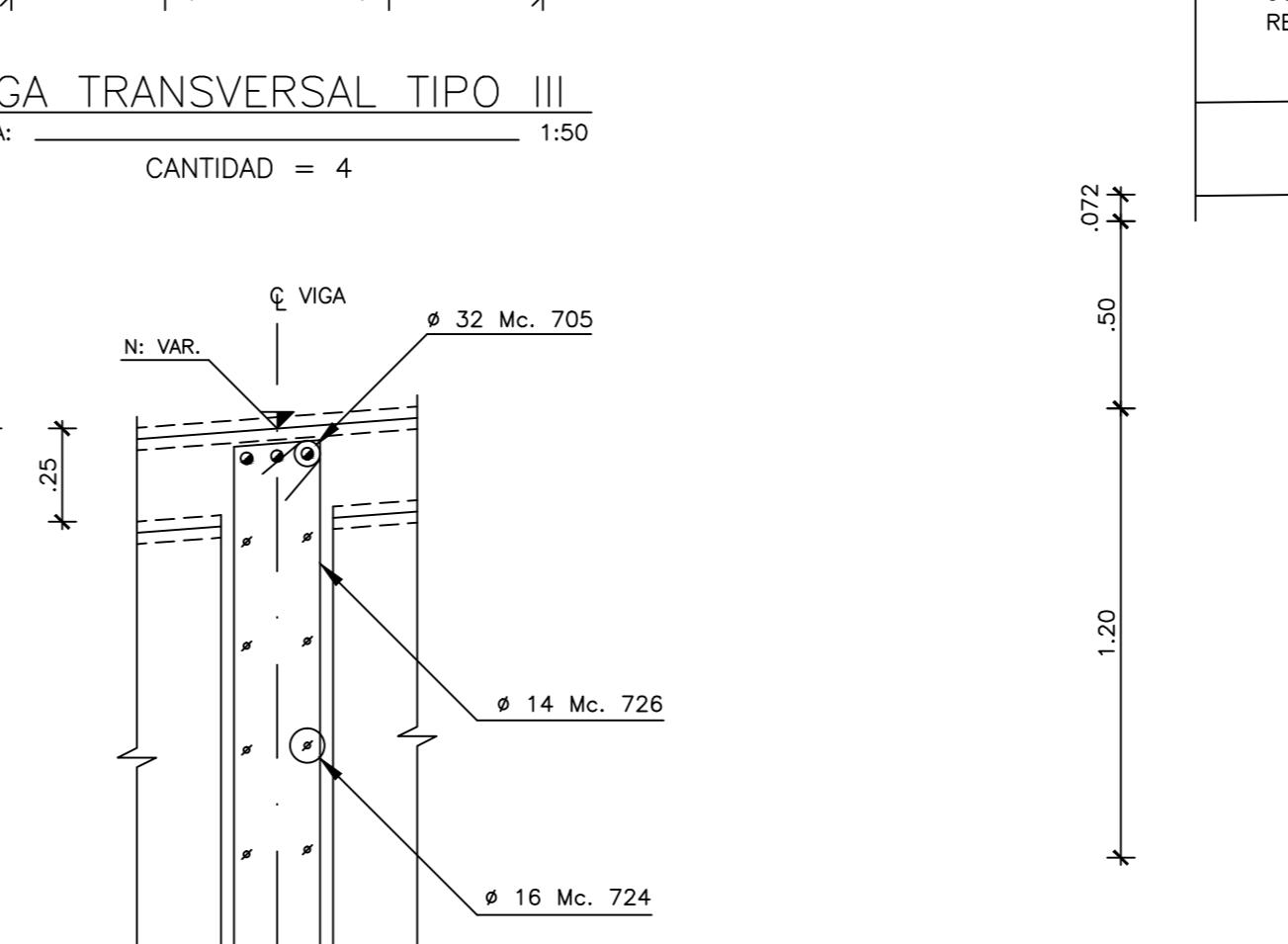
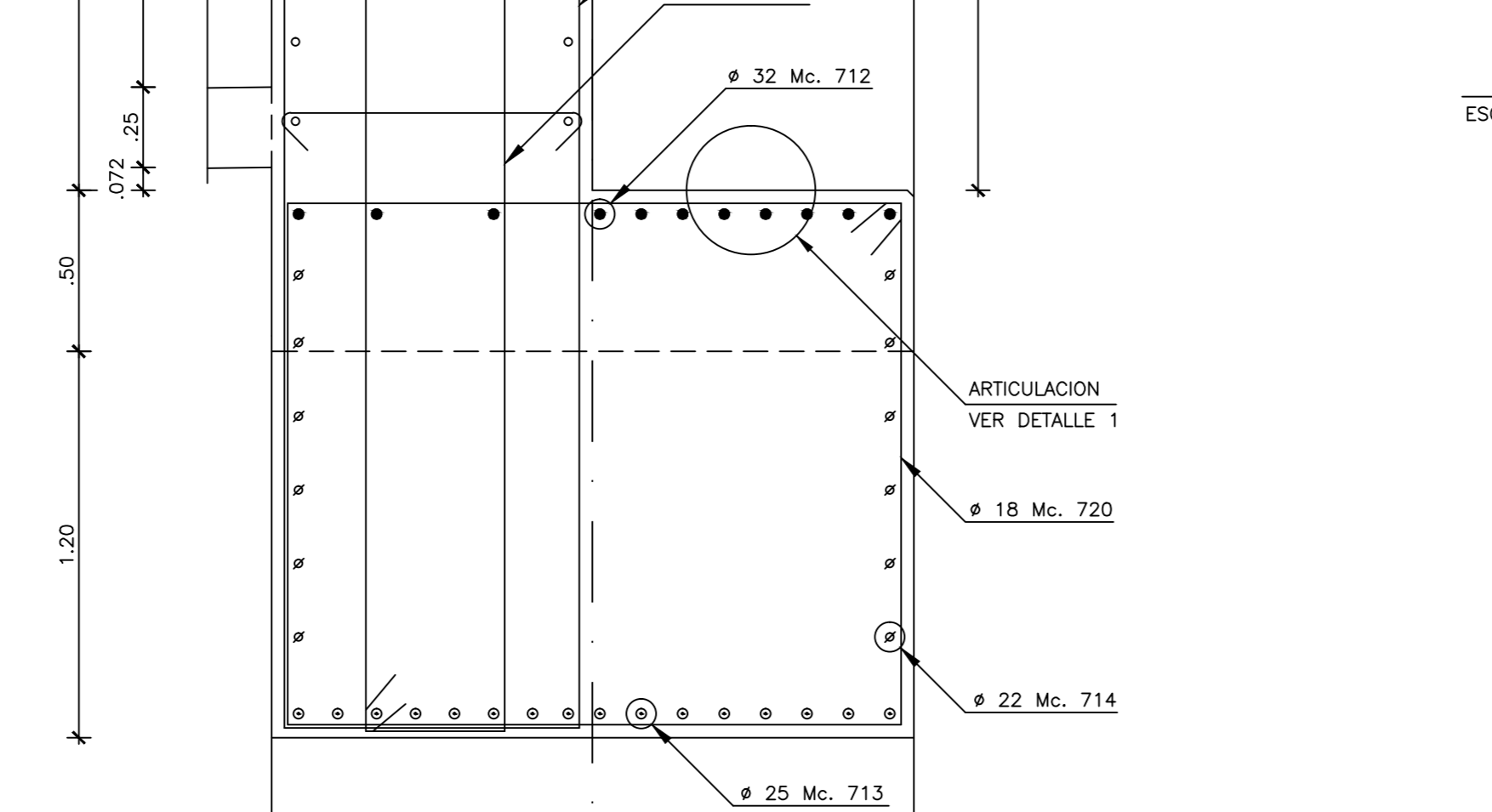
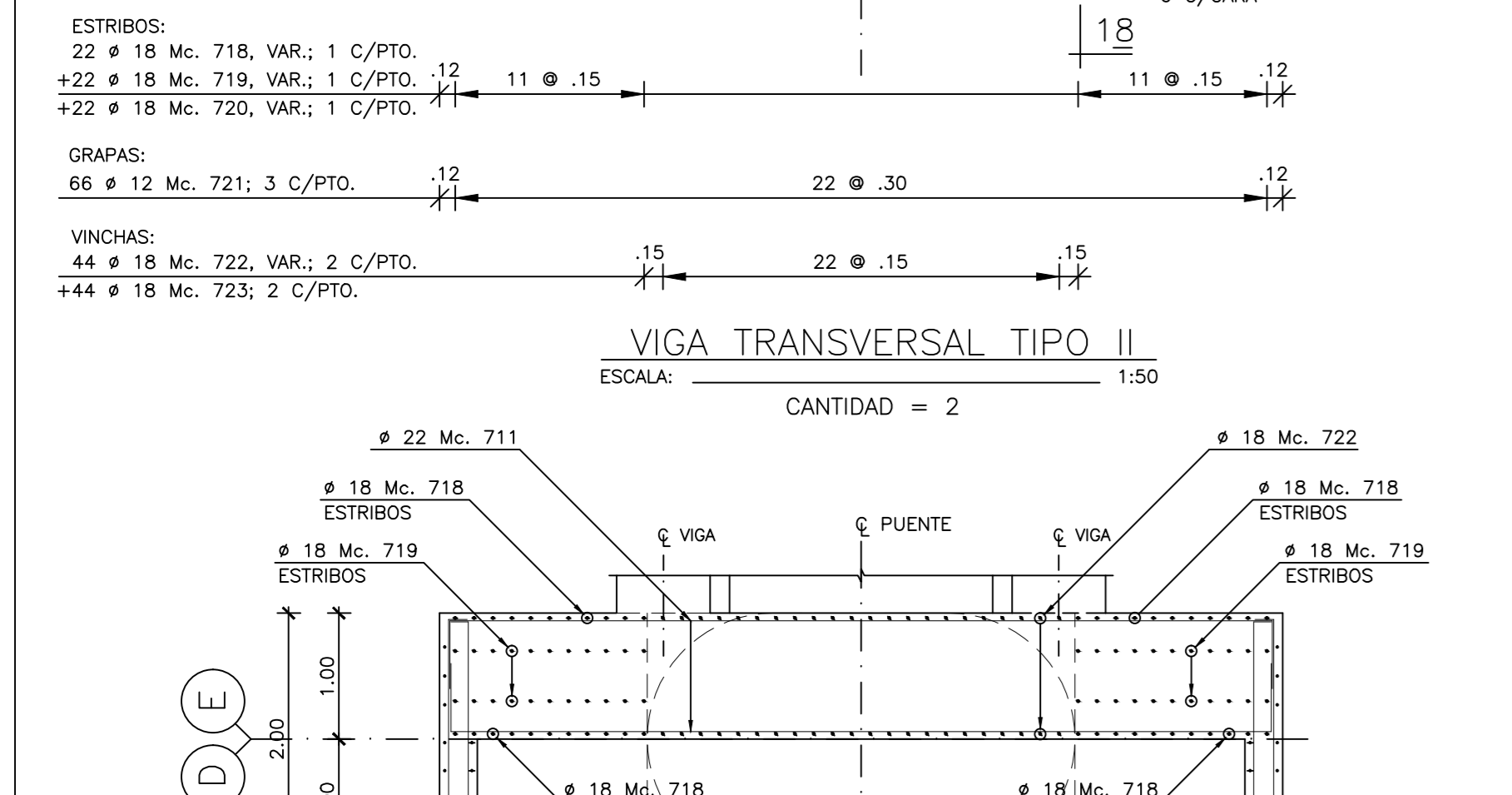
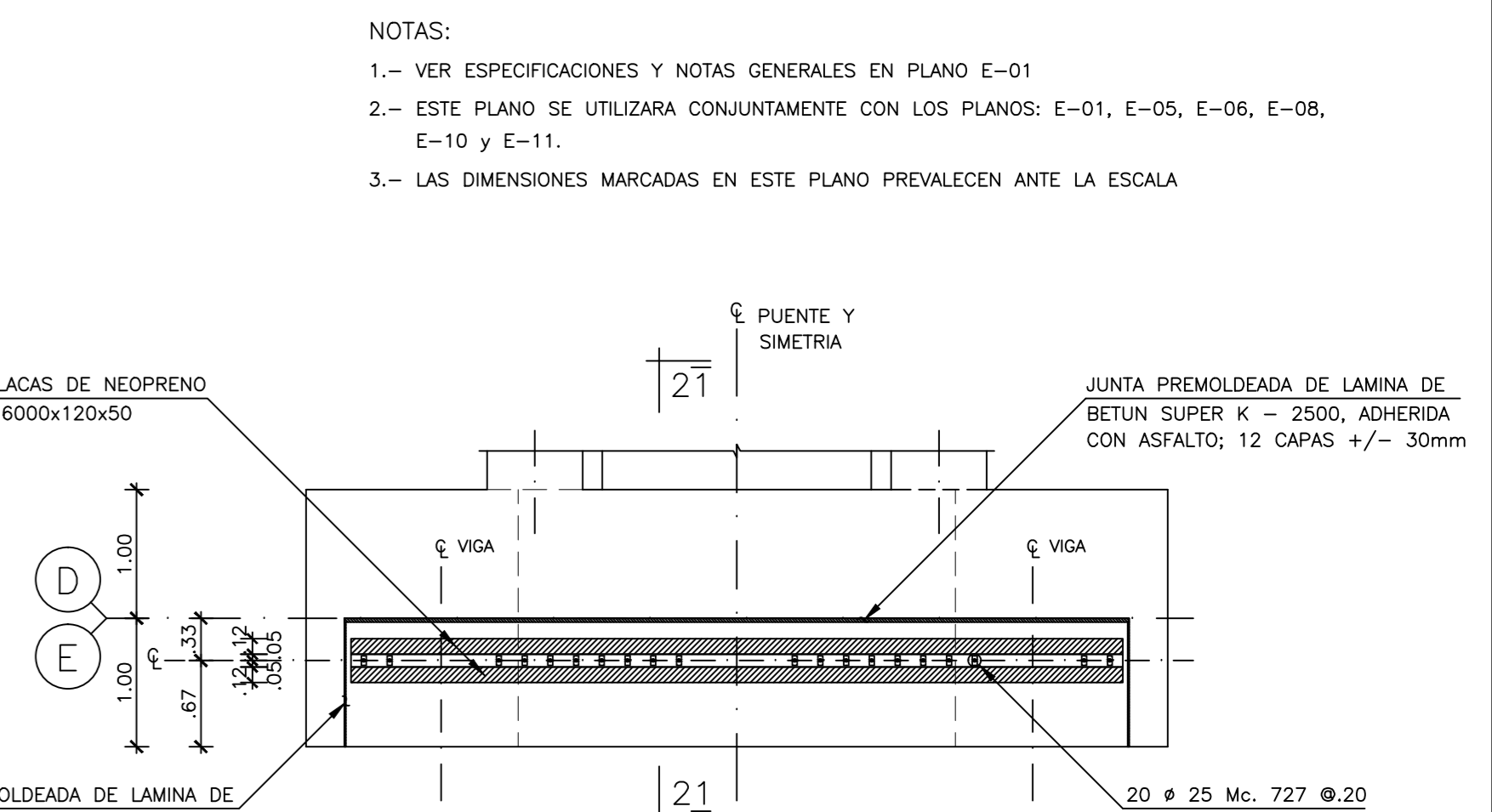
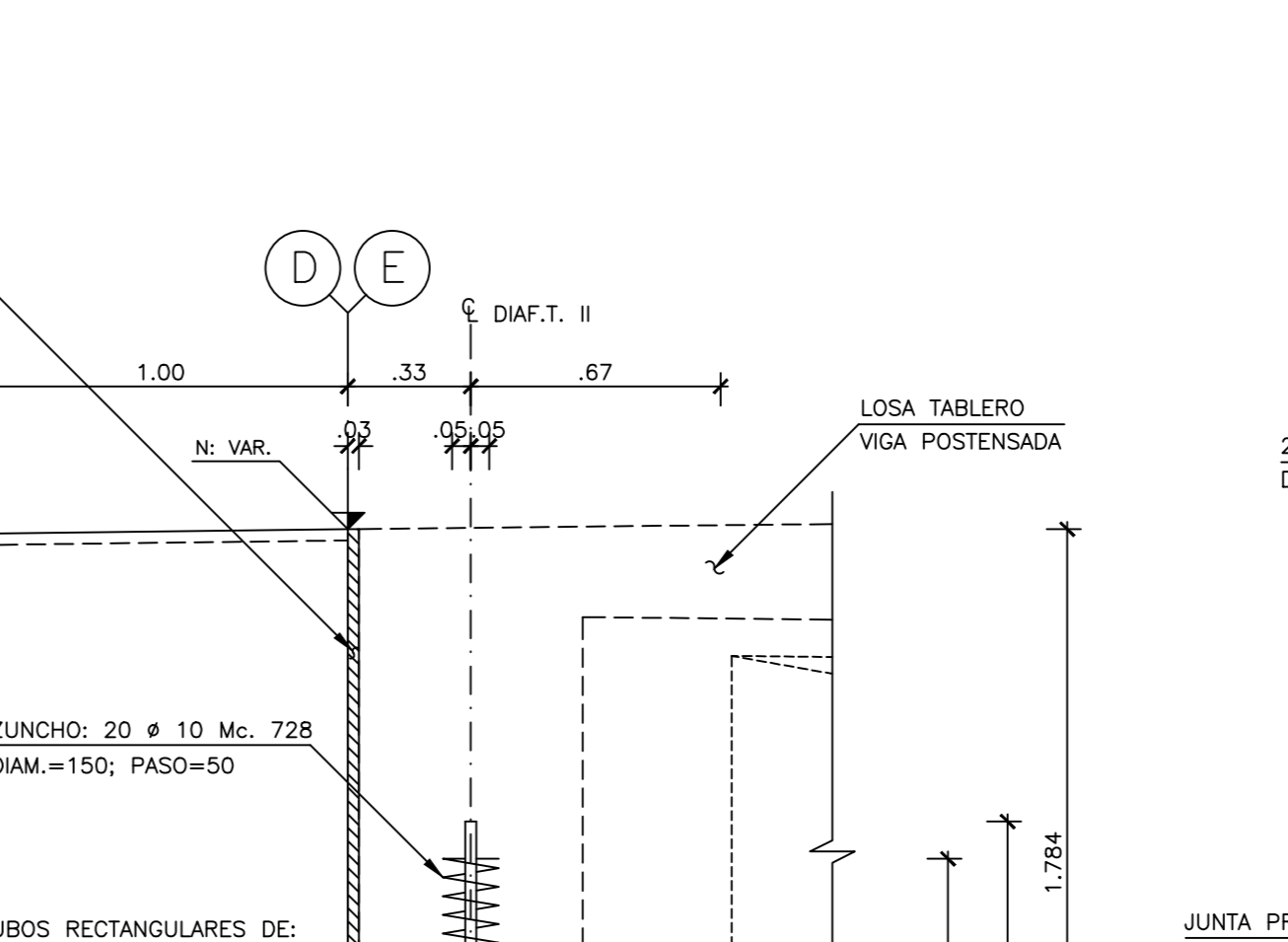
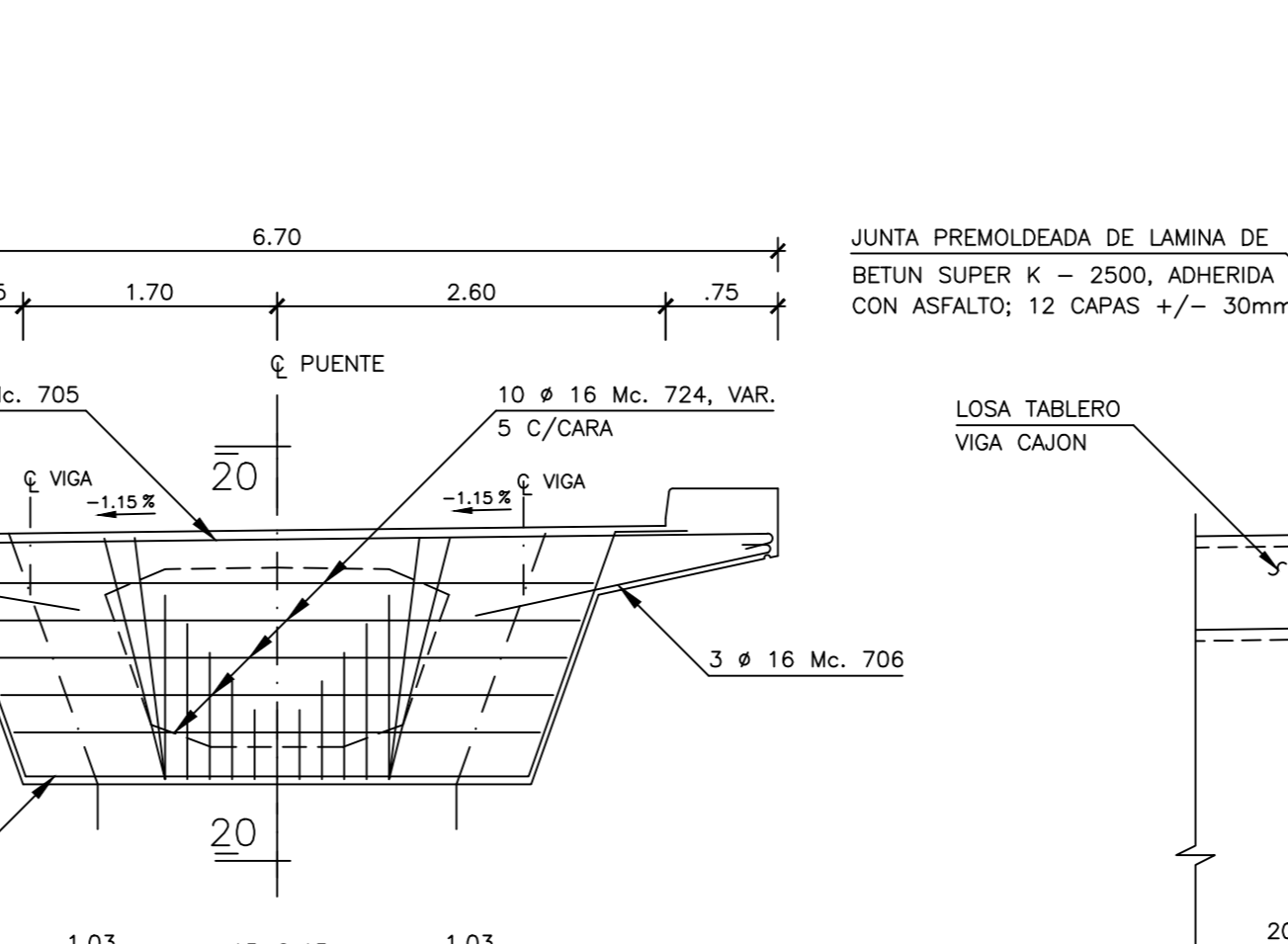
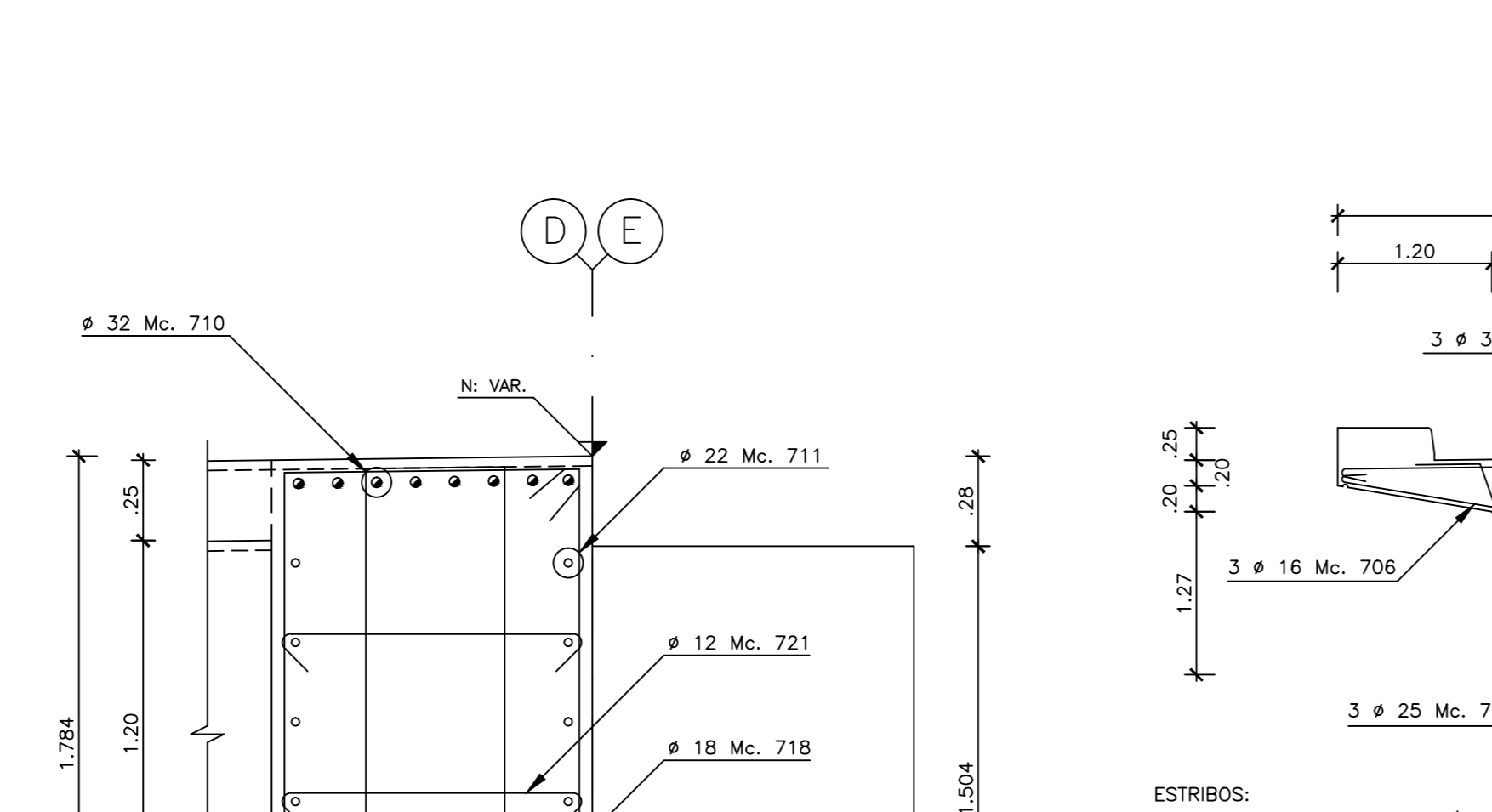
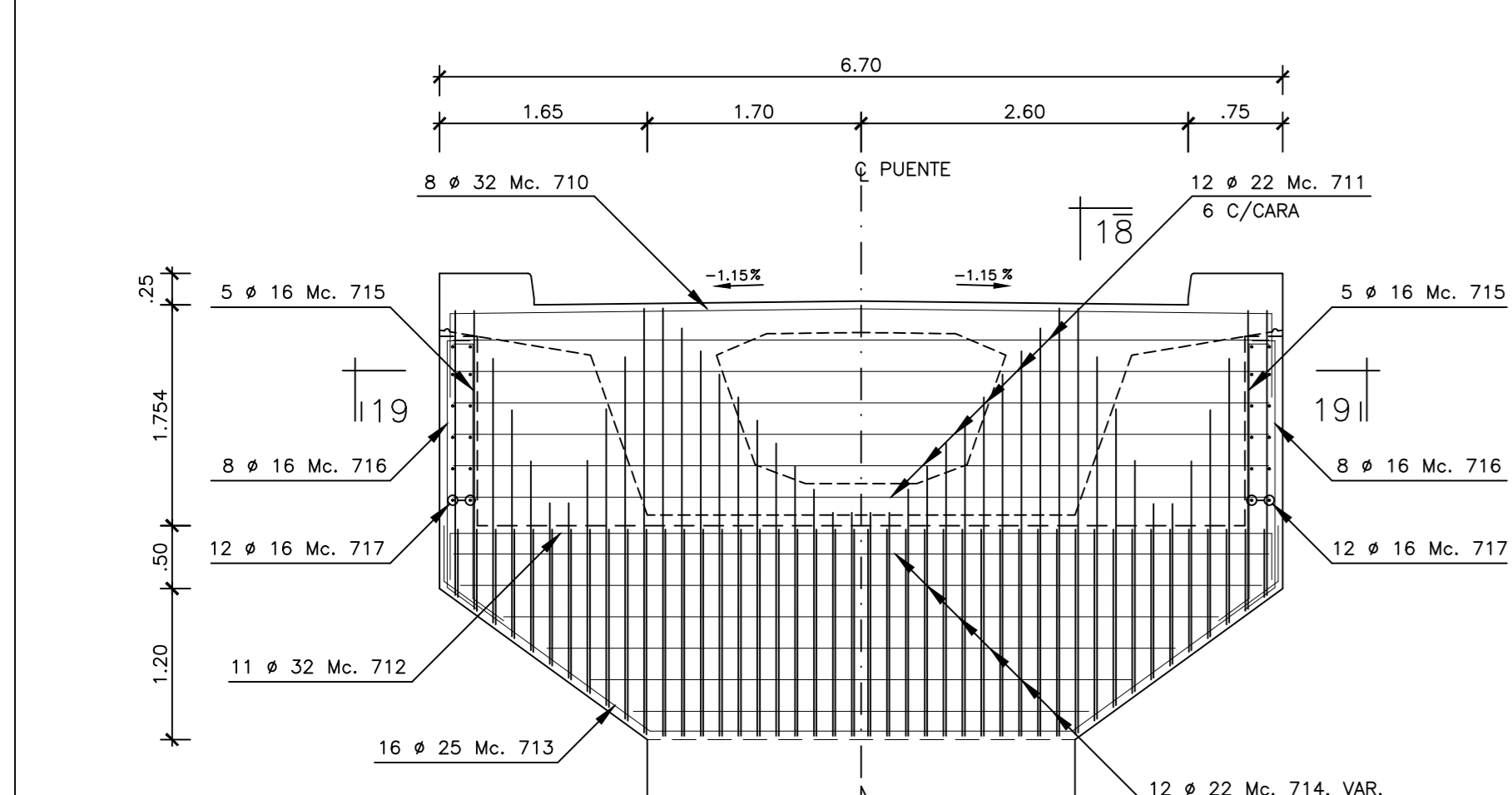
PLANILLA DE HIERROS										
Mc.	φ	TIPO	N°	DIMENSIONES			LONGITUD	PESO	OBSERVACIONES	
				a	b	c				Desarr.
<b>DIAPHRAGMAS</b>										
700	32	II	16	6.64	0.88	0.88	8.40	134.40	848.47	
701	25	II	6	6.64	0.88	0.88	8.40	50.40	194.19	
702	22	II	20	6.58	0.56	0.56	7.70	154.00	459.54	
703	18	VII	58	2x0.93	VAR	VAR	2x0.21	VAR.	315.52	630.41
704	16	VII	58	2x0.36	VAR	VAR	2x0.18	VAR.	247.08	389.89
<b>VIGAS TRANSVERSALES</b>										
705	32	II	44	6.64	0.53	0.53	7.70	338.80	2138.84	
706	16	II	56	2.14	0.26		2.40	134.40	212.08	
707	25	II	18	VAR.	1.24	1.24	VAR.	115.20	443.87	
708	32	VI	32	3.36	2x1.66		2x0.51	7.70	246.40	1555.52
709	18	II	30	VAR.	1.69	1.69	VAR.	150.00	299.70	
710	32	II	16	6.64	0.68	0.68	8.00	128.00	808.06	
711	22	II	24	6.58	0.51	0.51	7.80	187.20	556.50	
712	32	II	22	6.64	0.43	0.43	7.50	165.00	1041.65	
713	25	VI	32	3.36	2x2.02		2x0.30	8.00	256.00	986.37
714	22	II	24	VAR.	1.05	1.05	VAR.	190.80	569.35	
715	16	II	20	2.10	0.25	0.30	2.65	53.00	83.63	
716	16	II	32	1.94	0.25	0.31	2.50	80.00	126.24	
717	16	II	48	1.91	0.24	0.24	2.39	114.72	181.03	
718	18	II	44	2x0.92	2xVAR.		2x0.21	VAR.	347.60	694.50
719	18	II	44	2x0.44	2xVAR.		2x0.19	VAR.	303.60	606.59
720	18	II	44	2x1.92	2xVAR.		2x0.20	VAR.	281.60	562.84
721	12	I	132	0.94			2x0.18	1.30	171.60	192.38
722	18	II	88	VAR.	0.90	0.90	VAR.	457.60	914.28	
723	18	II	88	1.64	1.58	1.58	4.80	422.40	843.96	
724	16	II	40	VAR.	0.23	0.23	VAR.	175.20	276.47	
725	25	VI	12	3.36	2x1.66		2x0.51	7.70	92.40	356.02
726	14	III	60	2x0.24	2xVAR.		2x0.23	VAR.	250.80	302.97
727	25	I	40	2.00			2.00	80.00	308.24	
728	10	VIII	80	8.00			8.00	640.00	394.88	



RESUMEN DE MATERIALES												
ELEMENTO	HORMIGON (m3)	Hierros (Kg)										TOTAL
		10	12	14	16	18	22	25	32			
DIAPHRAGMA	23.27	389.89	630.41	459.54	194.19	848.47	2522.50					
VIGAS TRANSV.	91.83	394.88	152.38	302.97	879.45	3921.67	1127.95	2094.49	5544.06	14417.87		
TOTAL	115.10	394.88	152.38	303.47	1269.34	4552.08	1587.49	2288.68	6392.56	16940.37		

LAMINA DE BETUN SUPER K = 2500 espesor = 2.5 mm : CANTIDAD = 295.10 m2  
 ACERO A 588: TUBO : 36x73x3 mm; CANTIDAD = 40 u. LONG. = 0.40 m. PESO = 71.70 Kg  
 PLACA DE NEOPRENO DE: 600x120x50 mm. CANTIDAD = 4.00 u

- NOTAS:  
 1.- VER ESPECIFICACIONES Y NOTAS GENERALES EN PLANO E-01  
 2.- ESTE PLANO SE UTILIZARA CONJUNTAMENTE CON LOS PLANOS: E-01, E-05, E-06, E-08, E-10 y E-11.  
 3.- LAS DIMENSIONES MARRADAS EN ESTE PLANO PREVALECE ANTE LA ESCALA



**GOBIERNO AUTÓNOMO DESCENTRALIZADO DE LA PROVINCIA DE PICHINCHA**

PROYECTO : ESTUDIOS ESTRUCTURALES DEL INTERCAMBIADOR ZAMORA-LA ESPE  
 CONTENIDO : PLANTA DE VIGAS, DIAPHRAGMAS Y VIGAS TRANSVERSALES; CORTES Y DETALLES.

CLASE: PROYECTO, ANALISIS Y DISEÑO. SUPERVISOR COORD. DIBUJO: FEBRERO/2015

CONSULTORES: ING. RODRIGO SALGUEIRO I. L.P. 17-623. ING. MARCO MANZANO. GOBIERNO DE LA PROVINCIA DE PICHINCHA

Y REVISADO: ING. SUPERVISOR DE VALIDAD. Y REVISADO: ING. SUPERVISOR DE ESTRUCTURAS. COMPROBADO: COORDINACION DE ESTUDIOS VALES. APROBADO: DIRECCION GESTION DE VALIDAD.